

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE2004/002123

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01T15/00 H01C7/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01C H01T H02H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05, 31 May 1996 (1996-05-31) & JP 8 017552 A (MITSUBISHI ELECTRIC CORP), 19 January 1996 (1996-01-19) cited in the application abstract	1-11
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 06, 3 June 2003 (2003-06-03) & JP 2003 037932 A (M SYST GIKEN:KK), 7 February 2003 (2003-02-07) cited in the application abstract	1-11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

7 January 2005

Date of mailing of the international search report

17/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 0151, no. 08 (E-1045), 14 March 1991 (1991-03-14) & JP 3 001476 A (FUJI ELECTRIC CO LTD), 8 January 1991 (1991-01-08) cited in the application abstract	1-11
A	DE 296 15 186 U (SIEMENS AG) 31 October 1996 (1996-10-31) the whole document	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/DE2004/002123

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 8017552	A	19-01-1996	NONE	
JP 2003037932	A	07-02-2003	NONE	
JP 3001476	A	08-01-1991	NONE	
DE 29615186	U	31-10-1996	DE 29615186 U1 WO 9808281 A1	31-10-1996 26-02-1998

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Applic. # _____

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